



Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 1				Complete if Known
				Application Number 10/614,342
				Filing Date July 8, 2003
				First Named Inventor Shinichi NAGAHAMA
				Art Unit 2815
				Examiner Name A. R. Wilson
				Attorney Docket Number 204552029200

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Knd Code ² (if known)			
NOM	1.	5,376,580	12-27-1994	Kish et al.	
NOM	2.	5,502,316	3-26-1996	Kish et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ³
		Country Code ⁴ -Number ⁴ -Knd Code ⁵ (if known)				
NOM	3.	JP-6-302857	10-28-1994		counterpart to U.S. Patent Nos. 5,376,580 and 5,502,316	✓
NOM	4.	JP-10-270761	10-9-1998			✓
NOM	5.	JP-11-068157	3-9-1999			✓
NOM	6.	JP-2001-203385	7-27-2001			✓

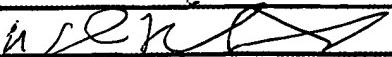
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NON PATENT LITERATURE DOCUMENTS

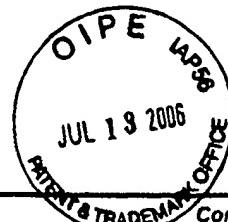
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
NOM	7.	WONG, W. S. et al. (2000) "In _x Ga _{1-x} N Light Emitting Diodes on Si Substrates Fabricated by Pd-In Metal Bonding and Laser Lift-Off," Applied Physics Letters 77(18), pp. 2822-2824	
NOM	8.	KNEISSL, Michael et al. (2001) "Continuous-Wave Operation of InGaN Multiple-Quantum-Well Laser Diodes on Copper Substrates Obtained by Laser Liftoff," IEEE Journal on Selected Topics in Quantum Electronics 7(2), pp. 188-191	
NOM	9.	Japanese Office Action mailed February 21, 2006, directed to counterpart JP Application No. 2003-190549	✓

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Examiner Signature		Date Considered	7/31/06
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va-162801



ALTERNATIVE TO PTO/SB/08a/b (07-05)

Substitute for form 1449/PTO				Complete if Known	
				Application Number	10/614,342
				Filing Date	July 8, 2003
				First Named Inventor	Shinichi NAGAHAMA
				Art Unit	2815
				Examiner Name	A. R. Wilson
Sheet	1	of	1	Attorney Docket Number	204552029200

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
MOR	1.	6,409,938	06-2002	COMANZO	—

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
MOR	2.	JP-10-163525-A	06-19-1998	SANYO ELECTRIC CO. LTD.	—✓

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NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			
MOR	3.	Han, J. et al. (1998). "AlGaN/GaN Quantum Well Ultraviolet Light Emitting Diodes," <i>Applied Physics Letters</i> 73(12):1688-1690.			T ²
MOR	4.	Iwaya, M. et al. (2002). "Suppression of Phase Separation of AlGaN During Lateral Growth and Fabrication of High-efficiency UV-LED on Optimized AlGaN," <i>Journal of Crystal Growth</i> 237-239:951-955.			
MOR	5.	Shatalov, M. et al. (2002). "Deep Ultraviolet Light-Emitting Diodes Using Quaternary AlInGaN Multiple Quantum Wells," <i>IEEE Journal on Selected Topics in Quantum Electronics</i> 8(2):302-309.			

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Examiner Signature	<i>A. R. Wilson</i>	Date Considered	7/31/06
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va-169198